	Application No.	Applicant(s)
Notice of Allowability	10/634,140 Examiner	LOWREY, TYLER A. Art Unit
or , morrawing		
	Remmon R. Fordé	2826
The MAILING DATE of this communication appears on the cover sheet with the correspondence address All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.		
1. This communication is responsive to <u>01/03/2005</u> .		
2. The allowed claim(s) is/are 11-31 (respectively renumbered as 1-21).		
3. The drawings filed on <u>04 August 2003</u> are accepted by the Examiner.		
4. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)—WEEN/ISORY PATENT EXAMINER a)		
Attachment(s) 1. ☑ Notice of References Cited (PTO-892) 2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948) 3. ☑ Information Disclosure Statements (PTO-1449 or PTO/SB/C Paper No./Mail Date 11/03/03;09/29/04 4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material	6. ☐ Interview Summary Paper No./Mail Da 08), 7. ☒ Examiner's Amendo	te .

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EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The application has been amended as follows:

Claims

Non-elected claims 1-10 are cancelled.

Response To Election

The Examiner hereby acknowledges Applicant's election without traverse of claims 11-31 in correspondence dated 01/03/05.

Reasons For Allowance

The following is an examiner's statement of reasons for allowance:

Claims 11-31 are allowed.

Claims 11 and 21 each recite a memory device structure provided with a cell including a chalcogenide access device which includes the specific structural limitations of providing that the chalcogenide access device having a snapback voltage low enough to avoid disturbing data stored in the memory element while reading the

memory element. The abovementioned structural limitations are neither anticipated by nor obvious over the prior art of record. Likewise, claims 12-20 and 22-31 are also allowable as being dependent upon allowable claims 11 and 21 respectively.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Relevant Prior Art

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Khouri et al., Manning, Parkinson et al., Lowery and Lorey each disclose phasechange memory devices.

Contact Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Remmon R. Fordé whose telephone number is (571) 272-1916. The examiner can normally be reached on Monday-Thursday (8:00-6:30).

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nathan J. Flynn can be reached on (571) 272-1915. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Remmon R. Fordé